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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

App. Docket No.: 59033-297872

In re Application of:

Siddhartha NAG et al.

Serial No.: 10/701,017

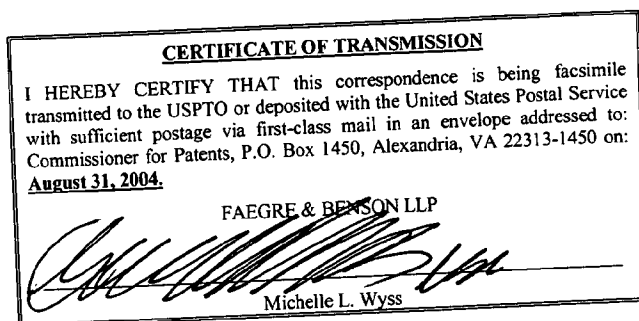
Filed: November 3, 2003

For: **END-TO-END SERVICE QUALITY FOR
LATENCY-INTENSIVE INTERNET
PROTOCOL (IP) APPLICATIONS IN A
HETEROGENEOUS, MULTI-VENDOR
ENVIRONMENT**

) Examiner: Not yet assigned.

) Art Unit: 2143

) Confirmation No.: 5830



Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. 1.97(B)(3) AND 1.98

Dear Sir:

Applicant hereby submits this Information Disclosure Statement which is being filed before the mailing date of a first Office Action on the merits.

Examiner is requested to consider the references noted on the enclosed Form PTO/SB/08a-b during examination of the above-identified patent application. These references are submitted for the Examiner's consideration and are submitted pursuant to the duty of disclosure under 37 C.F.R. § 1.56. In submitting these references, no representation is made or implied that the references are or are not material to the examination of the application. The Examiner is encouraged to make his or her own determination of materiality. In accordance with 37 C.F.R. § 1.98(a)(2)(i), copies of the references are provided herewith.

Atty. Docket No.: 59033-297872
Serial No.: 10/701,017

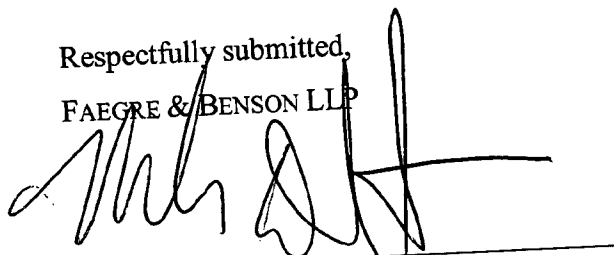
INVITATION FOR A TELEPHONE INTERVIEW

If the Examiner has any questions concerning the relevance of any reference cited in this disclosure, the Examiner is respectfully requested to call the undersigned at (303) 607-3633 if there remains any issue with allowance of the case.

CHARGE OUR DEPOSIT ACCOUNT

Pursuant to 37 C.F.R. § 1.97(b)(3), no fees are due with respect to this filing. However, should any fees be deemed necessary, such fees may be charged to Deposit Account No. 06-0029.

Respectfully submitted,
FAEGRE & BENSON LLP



Date: August 31, 2004

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DNVR1:60276264.01

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	4
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Complete if Known

Application Number	10/701,017
Filing Date	November 3, 2003
First Named Inventor	Siddhartha Nag et al.
Art Unit	2440 ²¹⁴⁴
Examiner Name	Not yet known. Tammy Nguyen
Attorney Docket Number	59033-297872

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	1	US-5,831,975	11-03-1998	Chen et al.	
	2	US-5,958,009	09-28-1999	Friedrich et al.	
	3	US-6,026,443	02-15-2000	Oskouy et al.	
	4	US-6,054,987	04-25-2000	Richardson et al.	
	5	US-6,061,723	05-09-2000	Walker et al.	
	6	US-6,104,721	8/15/2000	Hsu et al.	
	7	US-6,108,310	08-22-2000	Wilkinson et al.	
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FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	22	EP1017200	07-05-2000	Himbeault		
	23	WO 00/77988	12-21-2000	Telefonaktiebolaget LM Ericsson		
	24	WO 01/31939	05-03-2001	Telefonaktiebolaget LM Ericsson		

Examiner
Signature

/Thanh Nguyen/

Date Considered

07/01/2008

Examiner Signature	/Thanh Nguyen/	Considered	
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449A/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/701,017	
			Filing Date	November 3, 2003	
			First Named Inventor	Siddhartha Nag et al.	
			Art Unit	2143 2144	
			Examiner Name	Not yet known Family Nguyen	
Sheet	3	of	4	Attorney Docket Number	59033-297872

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	45	Netcool Solutions for Enterprise, End-To-End Business and Service Assurance, Micromuse, Inc. (6 pages). NO dated	
	46	Netcool/System Service Monitors White Paper, Including Netcool/Applications Service Monitors, 2003, Micromuse, Inc. (8 pages).	
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	58	HP Open View, Network Node Manager Smart Plug-in for Advanced routing 1.0 Data sheet, 2003-2004, Hewlett-Packard Development Company, L.P. (4 pages).	
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	63	hp OpenView, service information portal 3.1 product brief, 2003, Hewlett-Packard Company (4 pages).	

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet

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of

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Complete if Known

Application Number	10/701,017
Filing Date	November 3, 2003
First Named Inventor	Siddhartha Nag et al.
Group Art Unit	2449 2144
Examiner Name	Not yet known Tammy Nguyen
Attorney Docket Number	59033-297872

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	25	EDER, M., et al., IP Service Management in the QoS Network, November 2001, printed from Internet at: http://search.ietf.org/internet-drafts/draft-irtf-smrg-ipsmf-01.txt (15 pages).	
	26	EDER, M., et al., Service Management Architectures Issues and Review, January 2001, printed from Internet at: ftp://ftp.isi.edu/in-notes/rfc3052.txt (12 pages).	
	27	ZHU, C., et al., RFC 2190 - RTP Payload Format for H.263 Video Streams, September 1997, printed from Internet at: http://www.faqs.org/rfcs/rfc2190.html (10 pages).	
	28	HANDLEY, M., et al., SIP: Session Initiation Protocol, March 1999, printed from Internet at: ftp://ftp.isi.edu/in-notes/rfc2543.txt (143 pages).	
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	32	netIQ: Chariot, 1993-2004, NetIQ Corporation, printed from Internet at: http://www.netiq.com/products/chr/default.asp?print=true (1 page).	
	33	Delivers comprehensive service management for windows, UNIX and Linux systems and applications, NetIQ AppManager Suite, 2004, NetIQ Corporation (4 pages).	
	34	Delivers Enterprise VoIP QoS and Management, AppManager for VoIP, 2004, NetIQ Corporation (4 pages).	
	35	NetIQ's VoIP Management Solution, 2004, NetIQ Corporation (2 pages).	
	36	NetIQ: Appmanager for VoIP, 1993-2004, NetIQ Corporation, printed from the Internet at: http://www.netiq.com/products/am/modules/voip.asp?print=true (1 page).	
	37	PEARSALL, S., et al., Doing a VoIP Assessment with Vivinet Assessor, netIQ Work Smarter, 2001-2002, NetIQ Corporation (19 pages).	
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	44	Netcool Solutions for Voice Over IP, Realtime Service Quality Management for IP Telephony Services, Micromuse, Inc. (4 pages).	No Dated

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	64	hp OpenView, problem diagnosis 1.1 product brief, 2002, Hewlett-Packard Company (4 pages).		
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	73	HARBAUM, T., et al., Layer 4+Switching with QOS Support for RTP and HTTP, 1999, Global Telecommunications Conference - GLOBECOM '99, pages 1591-1596.		
Examiner Signature	/Thanh Nguyen/		Date Considered	07/01/2008

**EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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